BLK
WHT
GRN
1
2
3
F1
3.0 A
WHT
AT0A-2779-2
ORN
RED
WHT
BLK
240V
208V
120V
COM
24V
BLU
YEL
YEL
YEL
M
FAN
THERMAL LIMIT SW3
VIO
RLY 2
DC COIL
COM
N.C.
N.O.
6
2
4
5
1
3
7
8
RED/WHT
FAN PRESS SW
LT BLU
TAN
BLK
BLK
RED
YEL
GRN
ORN
TH
PSW
V1
NC
IND
L1
24(R) VAC
V2
GND
S1
FLAME SENSE +
FLAME SENSE -
SPARK MODULE
MUST USE A SUPPRESSION TYPE IGNITION CABLE FOR EMI PROTECTION
SENSOR PROBE
HV IGNITOR
BURNER
WHT/BRN
TIME DELAY RELAY 1
-5 SEC-
BRN
WHT/BRN
CHAMBER PRESS SW
RED
RED
RH DOOR SW
RED
RED
LH DOOR SW
RED
RED
MANUAL FILL ONLY
*H. W. LIMIT SW7
*BLK
*BLK
RLY 1
AC COIL
YEL
YEL
TIME DELAY RELAY 2
-4 SEC-
ENRICHMENT VALVE
ZR4
38V
LT BLU
MV
ZR1
38V
GAS VALVE
PV
ZR2
38V
RED
PROBE AND GROUND WIRES MUST BE TWISTED TOGETHER FOR EMI PROTECTION
VIO
LOW LIMIT
ORN
GRN
HIGH LIMIT
LT BLU
PRB 2
PRB 1
GND
WATER SENSOR BOARD
L1
L2
J1
J2
J3
J4
J5
J6
J7
J8
J9
K1
K2
MANUAL FILL ONLY
PNK
DK BRN
RED
DK BRN
*BLU
AUTO-FILL OPTION ONLY
* AUTO-FILL ONLY
ZR3 38V
FILL W. VLV.
FAULT ALARM
BLU
LOW WATER
WHT/GRY
HIGH WATER
YEL
VIO
OVER TEMP
BRN
VIO
YEL
RED
RED
ORN
TAN
PRTD
RED
RED
BLK
RED
J2
J7
J3
J10
POWER INPUT
+24V
GND
ON/ OFF
SENSOR INPUT
DIGITAL CONTROLLER
AT1T-3736-1
120V GAS STEAMER
REV M, 10/31/2025
AccuTemp